



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Datasheet

GPD2 recombinant monoclonal antibody, clone R02-5B9

Catalog Number: RAB02240

Regulatory Status: For research use only (RUO)

Product Description: Rabbit recombinant monoclonal antibody raised against human GPD2.

Clone Name: R02-5B9

Immunogen: Original antibody is raised against a synthetic peptide corresponding to human GPD2.

Theoretical MW (kDa): Calculated MW: 81 kD

Antibody Species: Rabbit

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Affinity purification

Isotype: IgG

Recommend Usage: Immunoprecipitation(1:20)
Western Blot (1:500-1:1000)
The optimal working dilution should be determined by the end user.

Storage Buffer: In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

Storage Instruction: Store at -20 °C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2820

Gene Symbol: GPD2

Gene Alias: GDH2, GPDM, mGPDH

Gene Summary: Mitochondrial glycerophosphate dehydrogenase (EC 1.1.99.5), or GPD2, is located on the outer surface of the inner mitochondrial membrane

and catalyzes the unidirectional conversion of glycerol-3-phosphate (G-3-P) to dihydroxyacetone phosphate (DHAP) with concomitant reduction of the enzyme-bound FAD. Together with a cytosolic NAD-linked GPD (GPD1; MIM 138420), GPD2 forms the glycerol phosphate shuttle, which uses the interconversion of G-3-P and DHAP to transfer reducing equivalents into mitochondria, resulting in the reoxidation of NADH formed during glycolysis.[supplied by OMIM]